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**Sound e.g. noise, reproduction system for creating three dimensional auditory space, has acoustic apparatuses having components whose sound power is equal to generate acoustic sensation to create spatial perception of sound environment**  
**Patent Assignee: BILTERYST P J E C**

**Patent Family (1 patent, 1 country)**

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
BE 1015649	A3	20050705	BE 2003449	A	20030818	200561	B

**Priority Application Number (Number Kind Date):** BE 2003449 A 20030818

**Patent Details**

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
BE 1015649	A3	FR	10	1	

**Alerting Abstract:** BE A3

**NOVELTY** - The system has a set of acoustic apparatuses (A, B, c, d) simultaneously reproducing same monophonic initial sound. Sound power intensity of each apparatus is adjustable to create total sound reproduction level of monophonic sound sources. The power in the components of the apparatuses is equal to generate space-phonetic acoustic sensation for creating spatial perception of initial sound environment captured in monophony.

**DESCRIPTION** - An **INDEPENDENT CLAIM** is also included for a method of producing three dimensional auditory space.

**USE** - Used for reproducing sound e.g. noise, speech, song, music or concert, in radiophony, cinema, television, computer or recording reproduction equipment e.g. magnetic tape, CD, cassette or microgroove, to create three dimensional auditory space from a monophonic source.

**ADVANTAGE** - The system permits to reliably reproduce the initial sound environment, in three dimensional spatial perception, captured or recorded or transmitted in monophony without processing sound spectrum,. The system permits to restore recent recordings and to restore initial sound environment of ancient archived audio pickup of old cine films.

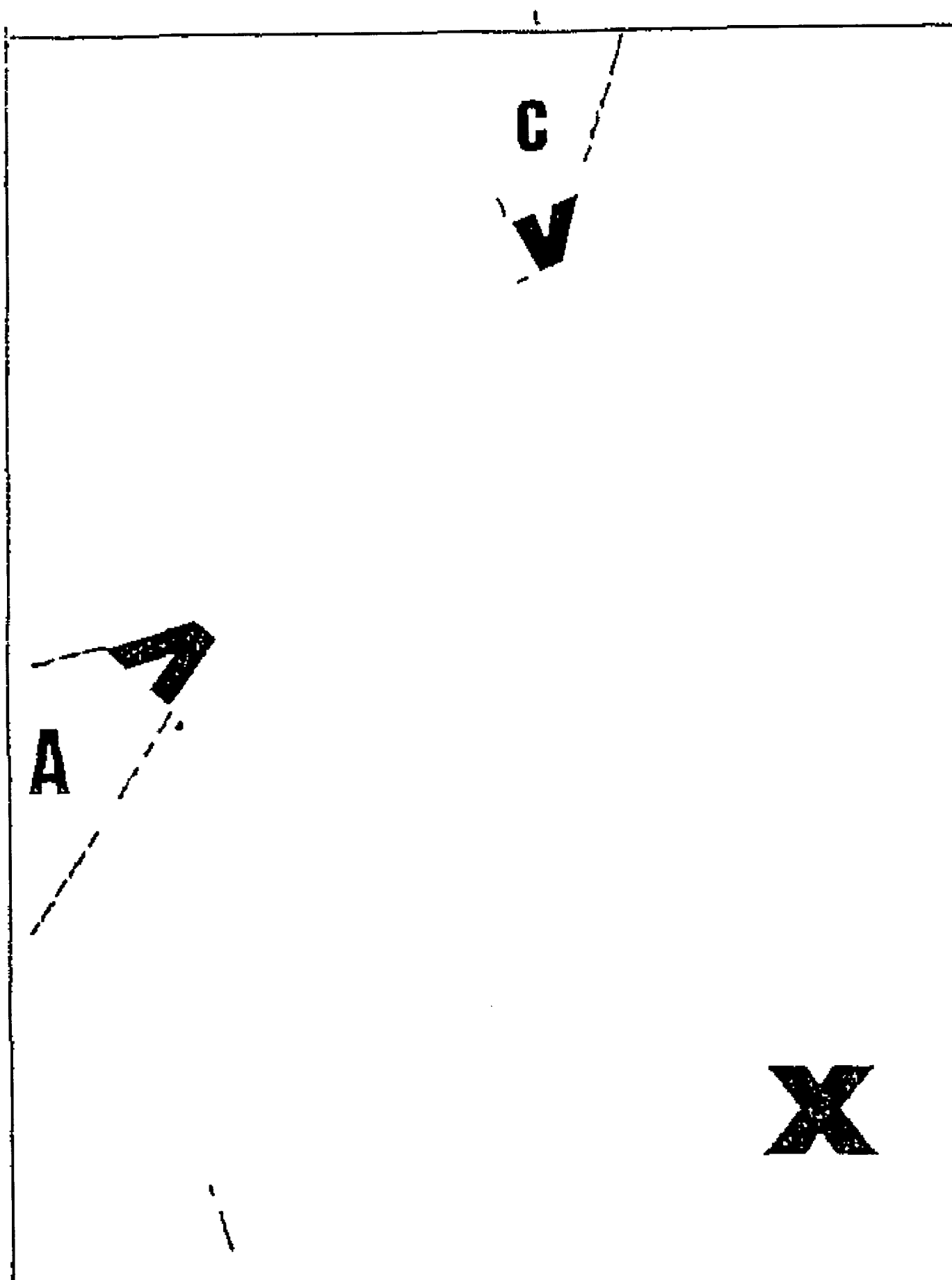
**DESCRIPTION OF DRAWINGS** - The drawing shows a three dimensional sound reproduction system.

A, B Lateral sound reproducing apparatus

c, d Frontal sound reproducing apparatus

X Listener

**Main Drawing Sheet(s) or Clipped Structure(s)**



**International Patent Classification**

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H04R-0005/02	C	I		R	20060101

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